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D-81634 München (DE)(54) **Portable carbon dioxide monitor.**

(57) A CO<sub>2</sub> monitor which has a reusable portion and a disposable portion is disclosed. The disposable portion includes an airway sensor (4) for connecting between a ventilator output and an endotracheal tube. The airway sensor has ports (16,18) on opposite sides. In one port (16) a disposable infrared light source (20) is inserted with wire contacts extending to the exterior of the airway sensor body. The reusable portion is a detector module (6) which includes a detector (24) and an amplifier. The detector module attaches to the airway sensor so that the detector is disposed in the second port (18) and so that contacts in the detector module communicate with the wire contacts of the light source. The detector module may be removed from the airway sensor without removing the light source from the airway sensor.

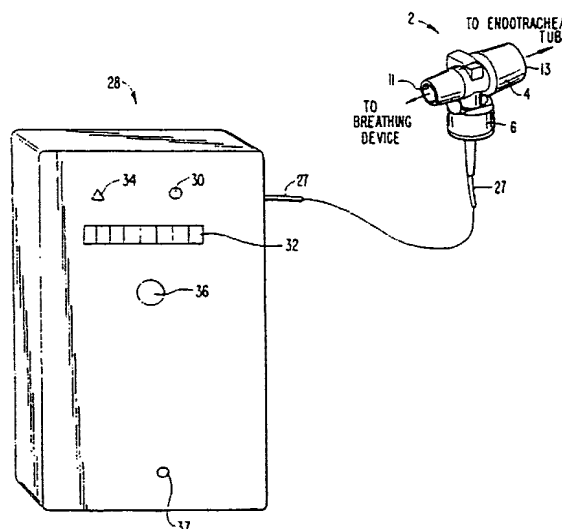


FIG. 1.



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## EUROPEAN SEARCH REPORT

Application Number  
EP 92 10 7695

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.5)
D,A	US-A-4 914 720 (D.W. KNODLE ET AL) * column 8, line 47 - column 10, line 41; figures 1-3,7,8 * ---	1-11	A61B5/083 G01N21/35 A61B5/00
D,A	US-A-4 648 396 (D.B. RAEMER) * column 4, line 28 - column 5, line 60; figures 1,2 * -----	1-11	
			TECHNICAL FIELDS SEARCHED (Int.Cl.5)
			A61B G01N
The present search report has been drawn up for all claims			
Place of search BERLIN		Date of completion of the search 24 January 1994	Examiner Johnson, K
<b>CATEGORY OF CITED DOCUMENTS</b> X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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